

Converting Colors

XYZ(52.9051, 32.9196, 44.6141)

Have a look what the booklet for
XYZ(52.9051, 32.9196, 44.6141)
contains.

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Color

**XYZ(52.7122, 32.7526,
44.6179)**

Conversions

Conversions Part 1

Format	Color
Hex	FD62B0
RGB	253, 98, 176
RGB Percent	99%, 38%, 69%
CMY	0.0078, 0.6157, 0.3098
CMYK	0.00, 0.61, 0.30, 0.01
HSL	330°, 97%, 69%
HSV	330°, 61%, 99%
XYZ	52.7122, 32.7526, 44.6179
YIQ	153.2370, 67.3420, 57.1180

Conversions

Conversions Part 2

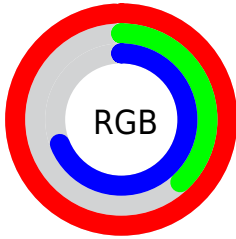
Format	Color
R _Y B	253, 98, 176
Decimal	16605872
CIE Lab	63.96, 66.14, -10.69
CIE LCh	64, 67.000, 350.819
Yxy	32.7526, 0.4052, 0.2518
Android (android.graphics.Color)	4294795952 (0xFFFD62B0)
YUV	153.2370, 11.2222, 87.4922
Hunter-Lab	57.2299, 64.2570, -6.1631

Details

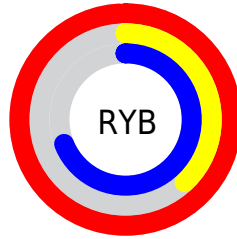
The XYZ color **52.7122, 32.7526, 44.6179** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **47.9020, 75.9434, 52.6956**, and the grayscale version is **30.3150, 31.8937, 34.7322**.

A 20% lighter version of the original color is **67.6940, 50.8631, 82.5936**, and **25.9202, 13.7494, 20.3565** is the 20% darker color. If you saturate the color by 10%, you get **49.5212, 28.2694, 37.6999**, and if you desaturate by 10%, it is **56.7681, 38.7808, 52.3929**.

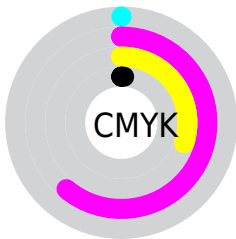
Distribution



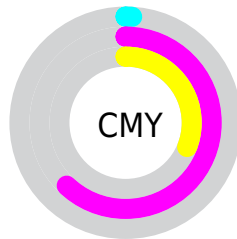
- Red (99%)
- Green (38%)
- Blue (69%)



- Red (99%)
- Yellow (38%)
- Blue (69%)



- Cyan (0%)
- Magenta (61%)
- Yellow (30%)
- Black (1%)




- Cyan (1%)
- Magenta (62%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7122, 32.7526, 44.6179 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 52.7122, 32.7526, 44.6179 by changing the saturation by 10% instead.


 52.7122, 32.7526,
44.6179


 52.7122, 32.7526,
44.6179


387.4589,
314.5335, 381.3387


 37.7996, 21.9370,
30.8158

 93.3488, 63.9891,
83.4591


 26.0037, 13.8106,
20.2013


 119.8035, 85.1787,
109.3353

 16.9591, 7.9891,
12.3560


 150.8363,
110.5952, 140.0733

 10.3005, 4.0879,
6.8611

 186.8125,
140.6229, 176.0915

 5.6624, 1.7229,
3.2983

228.0975,
175.6461, 217.8087

 2.6796, 0.4384,
1.2489

275.0567,

 0.9867, 0.0000,

216.0494, 265.6433

0.0193

328.0554,
262.2170, 320.0138

■ 0.0000, 0.0000,
0.0000

■ 52.7122, 32.7526,
44.6179

■ 52.7122, 32.7526,
44.6179

■ 49.5212, 28.2694,
37.6999

■ 56.7681, 38.7808,
52.3929

■ 47.1158, 25.1785,
31.5963

■ 61.7527, 46.4775,
61.0602

■ 45.4059, 23.3042,
26.2613

■ 67.7268, 55.9597,
70.6545

■ 44.3591, 22.4231,
22.1749

■ 74.7451, 67.3319,
81.2076

■ 82.8579, 80.6908,
92.7497

92.1124, 96.1264,
105.3094

94.3181, 99.6227,
108.8657

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



47.4304, 32.7526, 79.6287



52.7122, 32.7526, 44.6179



51.3702, 32.7526, 20.1905

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.7122, 32.7526, 44.6179



25.1133, 32.7526, 5.7964



21.0115, 32.7526, 93.0555

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



52.7122, 32.7526, 44.6179



47.9020, 75.9434, 52.6956

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



17.0575, 32.7526, 57.5175



52.7122, 32.7526, 44.6179



19.0716, 32.7526, 11.8668

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.7122, 32.7526, 44.6179



34.1179, 32.7526, 5.0211



16.4274, 32.7526, 27.9927



28.3226, 32.7526, 115.5543

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.7122, 32.7526, 44.6179



46.9901, 32.7526, 11.3285



16.4274, 32.7526, 27.9927



19.3132, 32.7526, 81.5897

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



52.7132, 32.7543, 44.6185



78.6585, 72.7474, 86.3866



39.3143, 24.7041, 95.6251



16.3442, 14.7647, 17.7785



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.7132, 32.7543, 44.6185



49.6612, 27.7738, 36.5792



47.2056, 30.5513, 15.6163



18.3907, 18.1396, 20.6745



23.6710, 11.9577, 12.1841



2.3599, 1.1863, 1.4767

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



52.7132, 32.7543, 44.6185



49.6612, 27.7738, 36.5792



57.4841, 79.7763, 103.1544



18.3907, 18.1396, 20.6745



23.6710, 11.9577, 12.1841



2.3599, 1.1863, 1.4767

Previews

White Background



This preview shows how the XYZ color 52.7122, 32.7526, 44.6179 looks on a white background.

Color Contrast Check

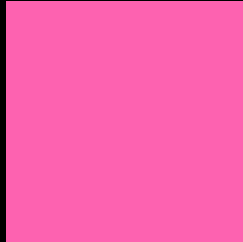
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 52.7122, 32.7526, 44.6179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

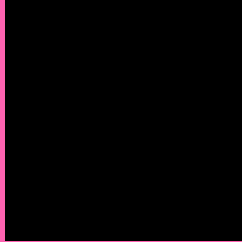
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.7122, 32.7526, 44.6179

Background



This preview shows how black text looks on a background with the XYZ color 52.7122, 32.7526, 44.6179.



This preview shows how white text looks on a background with the XYZ color 52.7122, 32.7526,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

52.7122, 32.7526, 44.6179

Protanopia

33.8454, 32.9559, 68.1956

Deuteranopia

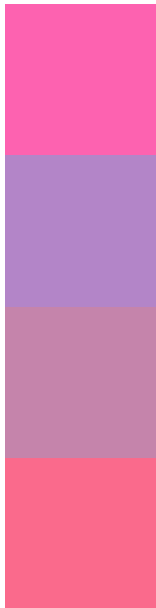
33.6515, 32.9597, 41.6340



Tritanopia

47.7256, 32.6572, 21.2408

Trichromacy



Original Color

52.7122, 32.7526, 44.6179

Protanomaly

37.4033, 30.5289, 58.5649

Deuteranomaly

38.6279, 31.3131, 42.5362

Tritanomaly

49.3120, 32.5255, 28.4900

Monochromacy



Original Color

52.7122, 32.7526, 44.6179

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

35.8068, 30.1671, 37.6538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7122, 32.7526, 44.6179 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(253, 98, 176)` looks like.

```
.text, #text, p{  
    color:rgb(253, 98, 176)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(253, 98, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 98, 176) }
```

Border

The CSS property to change the border of an element to XYZ 52.7122, 32.7526, 44.6179 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(253, 98, 176) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(253, 98, 176) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(253, 98, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 98, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 98, 176);  
box-shadow:4px 4px 4px 4px rgb(253, 98,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7122, 32.7526, 44.6179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 98, 176) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(253, 98,  
176) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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